

Global Penetration of Alternatives

Worldwide Commercial Use of Alternatives By Crop

Alternative	Crop						
	Curcubits	Cut Flowers	Nursery Crops	Replant	Strawberries	Tomato & Pepper	Tobacco Seedlings
Resistant Varieties	✓	✓	✓	✓	✓	✓	
Grafting	✓		✓	✓		✓	
Solarisation	✓	✓	✓	✓	✓	✓	
Steam	✓	✓	✓	✓		✓	
Biological Control	✓		✓	✓	✓		✓
Biofumigation	✓		✓				✓
Soil-less Culture	✓						✓
Crop Rotation/Fallow	✓	✓	✓		✓	✓	
Soil Amendments		✓	✓	✓	✓		
Substrates		✓	✓	✓	✓	✓	
Brush Burning							✓
Chloropicrin	✓	✓			✓	✓	✓
Dazomet		✓		✓		✓	✓
Metam Sodium	✓	✓		✓	✓	✓	
Methyl Isothiocyanate							✓
1, 3-D	✓	✓		✓	✓	✓	✓
Other Chemical Treatment	✓						

Source: UNEP 1998.

Note: Red check marks indicate widespread commercial use of an alternative in an unspecified region; blue check marks indicate limited commercial use of an alternative in an unspecified region; and green check marks indicate limited and/or widespread commercial use of an alternative in an unspecified region.

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- Both developed and developing countries are included in this table.
- An alternative to methyl bromide exists for every crop presented in this table. Geographical limitations are not incorporated.
- No single alternative is commercially used for controlling pests or weeds on all crops.